

CLAIMS

1. A spray valve comprising:
 - 5 (a) an upper valve body including a hydraulic chamber for receiving an incompressible hydraulic fluid through a piston port and a piston slidable within said hydraulic chamber;
 - (b) a lower valve body including a fluid conduit for receiving fluid into the spray valve, a lower valve seating surface, an annular fluid chamber around the lower valve seating surface and a fluid outlet; and
 - 10 (c) a seating member between the upper valve body and lower valve body including:
 - (i) an upper seat for the piston within the hydraulic chamber of the upper valve body;
 - (ii) a diaphragm of resilient material extending between the upper valve body and lower valve body; and
 - (iii) a valve seat for bearing against the lower valve seating surface and closing the fluid conduit when pressurised incompressible hydraulic fluid is received through the piston port and displacing the piston within the hydraulic chamber.
2. A spray valve according to claim 1 wherein the lower valve seating surface is provided on a conduit sleeve fitted into the fluid conduit.
- 25 3. A spray valve according to claim 2 wherein the conduit sleeve is provided with a peripheral flange which sealingly contacts the lower end of the lower valve body.

4. The spray valve according to claim 3 further provided with a base plate having a recess for receiving and locating the peripheral flange of the conduit sleeve, the base plate being secured to the lower valve body and securing the conduit sleeve in position.
5. The spray valve according to any one of the preceding claims wherein a spray pattern adjustment means is provided around the lower valve body including a collar having an outlet orifice and a means to adjustably secure the collar in position around the lower valve body.
6. The spray valve according to claim 5 wherein the outlet orifice of the collar is positioned in proximity to the fluid outlet of the lower valve body with the outlet orifice being shaped to restrict the flow of fluid from the fluid outlet of the lower valve body.